

Duangdao Channei

List of Publications by Year in descending order

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30
papers

670
citations

567281

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26
g-index

30
all docs

30
docs citations

30
times ranked

862
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating the photocatalytic efficiency of the BiVO ₄ /rGO photocatalyst. Scientific Reports, 2019, 9, 16091.	3.3	78
2	Photocatalytic activity of the binary composite CeO ₂ /SiO ₂ for degradation of dye. Applied Surface Science, 2016, 387, 214-220.	6.1	75
3	Visible-light-driven WO ₃ /BiOBr heterojunction photocatalysts for oxidative coupling of amines to imines: Energy band alignment and mechanistic insight. Journal of Colloid and Interface Science, 2020, 560, 213-224.	9.4	68
4	Aqueous and Surface Chemistries of Photocatalytic Fe-Doped CeO ₂ Nanoparticles. Catalysts, 2017, 7, 45.	3.5	54
5	Synthesis and Characterization of WO ₃ /CeO ₂ Heterostructured Nanoparticles for Photodegradation of Indigo Carmine Dye. ACS Omega, 2021, 6, 19771-19777.	3.5	47
6	Synthesis, characterization and environmental applications of bismuth vanadate. Research on Chemical Intermediates, 2019, 45, 5217-5259.	2.7	32
7	Natural sunlight driven photocatalytic coupling of primary amines over TiO ₂ /BiOBr heterojunction. Applied Surface Science, 2021, 545, 149015.	6.1	31
8	Expression Analysis of Genes Related to Rice Resistance Against Brown Planthopper, Nilaparvata lugens. Rice Science, 2017, 24, 163-172.	3.9	30
9	Preparation and characterization of Pd modified CeO ₂ nanoparticles for photocatalytic degradation of dye. Solid State Sciences, 2019, 87, 9-14.	3.2	29
10	Photocatalytic degradation of dye using CeO ₂ /SCB composite catalysts. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 183, 218-224.	3.9	28
11	Photocatalytic Degradation of Organic Dye under UV-Vis Irradiation Using TiO ₂ @Vetiver Multifunctional Nano Particles. Materials, 2017, 10, 122.	2.9	25
12	Influence of graphene oxide on photocatalytic enhancement of cerium dioxide. Materials Letters, 2017, 209, 43-47.	2.6	19
13	The influence of experimental conditions on photocatalytic degradation of methylene blue using titanium dioxide particle. Journal of the Australian Ceramic Society, 2018, 54, 557-564.	1.9	19
14	New insight into the photocatalytic degradation of organic pollutant over BiVO ₄ /SiO ₂ /GO nanocomposite. Scientific Reports, 2021, 11, 4620.	3.3	18
15	Adsorption and Photocatalytic Processes of Mesoporous SiO ₂ -Coated Monoclinic BiVO ₄ . Frontiers in Chemistry, 2018, 6, 415.	3.6	17
16	Enhanced Photocatalytic and Photokilling Activities of Cu-Doped TiO ₂ Nanoparticles. Nanomaterials, 2022, 12, 1198.	4.1	16
17	Novel Strategy for the Development of Antibacterial TiO ₂ Thin Film onto Polymer Substrate at Room Temperature. Nanomaterials, 2021, 11, 1493.	4.1	12
18	Effect of exposed facets of bismuth vanadate, controlled by ethanolamine, on oxidative coupling of primary amines. Journal of Colloid and Interface Science, 2021, 602, 168-176.	9.4	12

#	ARTICLE	IF	CITATIONS
19	Preparation of Activated Carbon from Sugarcane Bagasse Waste for the Adsorption Equilibrium and Kinetics of Basic Dye. <i>Key Engineering Materials</i> , 2017, 751, 671-676.	0.4	11
20	Boosting photocatalytic coupling of amines to imines over BiOBr: Synergistic effects derived from hollow microsphere morphology. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106732.	6.7	8
21	Effect of iron doping on the structural and optical properties of CeO ₂ films. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 79, 51-58.	2.4	7
22	Controlled oxidative ageing time of graphite/graphite oxide to graphene oxide in aqueous media. <i>Journal of the Australian Ceramic Society</i> , 2018, 54, 91-96.	1.9	7
23	Photocatalytic degradation of organic dye over bismuth vanadate@silicon dioxide@graphene oxide nanocomposite under visible light irradiation. <i>Journal of the Australian Ceramic Society</i> , 2020, 56, 1237-1241.	1.9	7
24	Coconut Fiber Decorated with Bismuth Vanadate for Enhanced Photocatalytic Activity. <i>ACS Omega</i> , 2022, 7, 8854-8863.	3.5	6
25	Photocatalytic Activity of Cu-Doped Cerium Dioxide Nanoparticles. <i>Key Engineering Materials</i> , 2017, 751, 801-806.	0.4	5
26	Hybrid high-porosity rice straw infused with Bi VO ₄ nanoparticles for efficient 2-chlorophenol degradation. <i>International Journal of Applied Ceramic Technology</i> , 2019, 16, 1060-1068.	2.1	4
27	Heterogeneous photocatalytic reduction of hexavalent chromium by modified Ag, Cu co-doped tungsten oxide nanoparticles. <i>Journal of the Australian Ceramic Society</i> , 2021, 57, 743.	1.9	3
28	Chemophysical acetylene-sensing mechanisms of Sb ₂ O ₃ /NaWO ₄ -doped WO ₃ heterointerfaces. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 20482-20498.	2.8	1
29	Microwave-Assisted Green Synthesis of 2,3-Dihydroquinazolinones under Base- and Catalyst-Free conditions. <i>ChemistrySelect</i> , 2021, 6, 4661-4669.	1.5	1
30	Fabrication of Eco-Green Brick by Using of Vetiver Grass as Feldspar Replacement. <i>Materials Science Forum</i> , 2017, 890, 391-395.	0.3	0